

Title (en)  
CROSS-LINKING RESIN COMPOSITION

Title (de)  
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Title (fr)  
COMPOSITION DE RESINE DE RETICULATION

Publication  
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Application  
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Abstract (en)  
[origin: EP0751164A1] Disclosed is a crosslinking resin composition comprising: (A) a carboxyl group-containing resin as a main agent, having a number average molecular weight of from 1,000 to 40,000 and an acid value of from 10 to 400 mg KOH/g; (B) a cyclic or chain silicone compound as a curing agent, having a number average molecular weight of from 350 to 8,000 and containing at least two epoxy groups in one molecule thereof, wherein the silicone compound is free of a silanol group, a hydrolyzable silyl group and a vinyl polymer structure, and wherein the silicone compound has a siloxy group-containing skeleton; and (C) a medium. The crosslinking resin composition of the present invention not only exhibits excellent storage stability, but is also capable of providing, upon being crosslinked, a cured resin having excellent gloss, weatherability, acid resistance, solvent resistance, water repellency and stain resistance. Therefore, the crosslinking resin composition can be advantageously used for providing various coating compositions, such as paints, and sealants.

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